CHECKLIST #0230 FOR THE APPROVAL OF: GLASS ENCLOSED STRUCTURES (SOLARIUMS, GREENHOUSES, ATRIUMS, SUN ROOMS, AND SIMILAR)

- ❑ Basic Requirements Checklist.
- ❑ One set of the manufacturer's 'approval document' including:

  a. Extrusion and/or typical section with details, properties and all dimensions,
  b. Assembly details, including reinforcements,
  c. Fastener and connecting details including size and location, and
  d. Connections of panel to the structural frame.

- ❑ All glass used in the walls of these structures shall use safety glass.
- ❑ All roof sections of these structures shall be laminated glass.
- ❑ Calculations verifying tested anchoring.
- ❑ Calculations verifying aluminum stresses according to The Aluminum Association Specifications.
- ❑ Calculations verifying steel stresses according to AISC Steel Construction Manual.
- ❑ One set of manufacturer's design drawings marked and verified by the testing laboratory.

The following current laboratory tests and test reports in compliance with protocol PA 301.

- ❑ Racking test, per ASTM E-72.
- ❑ Air infiltration test, uniform static air test, and water infiltration test per PA202. (Deflection for load carrying members not to exceed L/180).
- ❑ Impact test, per PA201. (See note 2.)
- ❑ Cyclic test, per PA 203. (See note 2.)

Notes:
1. If the system has plastic as a component, add the plastic checklist to these requirements.
2. If the glass structure is attached to another (non-glass) structure, and is not part of the main (non-glass) structure envelope, then PA201 and PA203 can be exempt provided the connecting openings in the main (non-glass) structure are protected with Dade County approved shutters.